

PATENT ABSTRACTS OF JAPAN

(11)Publication number:

09-236949

(43)Date of publication of application: 09.09.1997

(51)Int.CL

G03G 15/00 G03G 21/16

(21)Application number: 08-044393

(71)Applicant:

RICOH CO LTD

(22)Date of filing:

01.03.1996

(72)Inventor:

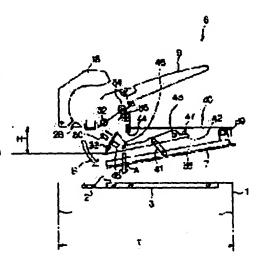
TARUKI TAKASHI

(54) AUTOMATIC DOCUMENT FEEDER

(57)Abstract:

PROBLEM TO BE SOLVED: To easily perform a processing for jamming in a paper ejecting part with the reduction of an installation space, by partly constituting the paper ejecting path of an auxiliary frame, and also, providing a carrying member which slides in contact with a driving member.

SOLUTION: In the case jamming occurs on the paper ejecting path, first, an outer cover is detached, thereafter, the ADF 6 is rotated counterclockwise with reference to an image reader 1 so as to expose a contact glass 3 outside. Next, the auxiliary frame 42 is pulled in a direction shown by an arrow A, then, the attraction force of a magnet 45 is released, then, the auxiliary frame 42 is rotated in a direction shown by an arrow B with reference to a main frame 40 through a fulcrum 43. At the same time the auxiliary frame 42 is moved, a pressure plate 38 is rotated in the direction shown by the arrow B with reference to the main frame 40 through a fulcrum 39, and also, the pressure plate 38 is separated from the auxiliary frame 42 through a link 41 and stopped. Thus, a driven roller 33 is separated from a 2nd carrying roller 32, and also, the paper ejecting path is exposed, so that the jammed paper is easily removed from the paper ejecting path.



LEGAL STATUS

[Date of request for examination]

12.07.2001

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

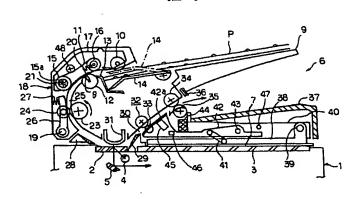
[Date of extinction of right]

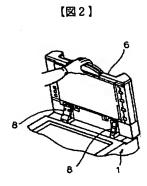
Copyright (C); 1998,2000 Japan Patent Office

46 取っ手

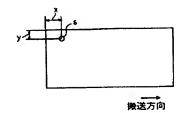
50 スタンプ

[図1]





[図3]



【図4】

